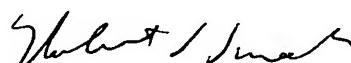


Substitute for Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 004501-789 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107510572
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/CH03/00224	INTERNATIONAL FILING DATE 04 April 2003 (04.04.2003)	PRIORITY DATE CLAIMED 05 April 2002 (05.04.2002)
TITLE OF INVENTION METHOD FOR REMOTELY CONTROLLING AND/OR REGULATING A SYSTEM		
APPLICANT(S) FOR DO/EO/US STRAUB, Florian; VON HOFF, Thomas; CREVATIN, Mario; ZUGER, Hans-Peter; and DECK, Bernhard		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 21 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet; General Authorization For Petitions For Extensions of Time and Payment of Fees; PCT/ISA/210; EPO Form 1507.0; PCT/RO/101; PCT/IPEA/416; PCT/IPEA/409; and Amended Sheets.</u> 21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>ABB Research Ltd., Zurich, Switzerland</u> 		

U.S. APPLICATION NO. (If known, See 37 CFR 1.57) INTERNATIONAL APPLICATION NO. 107510372 PCT/CH03/00224	ATTORNEY'S DOCKET NUMBER 004501-789																								
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110.00 (1611)</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00 (1613)</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 (1610)</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00 (1609)</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 (1612)</p>																									
CALCULATIONS PTO USE ONLY																									
ENTER APPROPRIATE BASIC FEE AMOUNT =																									
\$ 950.00																									
<p>Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <p><input type="checkbox"/> 20 <input type="checkbox"/> 30</p>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>14</td> <td>-20 =</td> <td>0 × \$18.00 (1615)</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>- 3 =</td> <td>0 × \$88.00 (1614)</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$300.00 (1616)</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="4" style="text-align: right;">\$ 950.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	14	-20 =	0 × \$18.00 (1615)	Independent Claims	1	- 3 =	0 × \$88.00 (1614)	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00 (1616)	TOTAL OF ABOVE CALCULATIONS =				\$ 950.00			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																						
Total Claims	14	-20 =	0 × \$18.00 (1615)																						
Independent Claims	1	- 3 =	0 × \$88.00 (1614)																						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00 (1616)																						
TOTAL OF ABOVE CALCULATIONS =																									
\$ 950.00																									
<p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p> <p style="text-align: right;">+ \$ 0.00</p>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 75%;">SUBTOTAL =</th> <th style="width: 25%;">\$ 950.00</th> </tr> </thead> <tbody> <tr> <td>Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL NATIONAL FEE =</td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 950.00</td> </tr> </tbody> </table>		SUBTOTAL =	\$ 950.00	Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).	\$ 0.00	TOTAL NATIONAL FEE =		\$ 950.00																	
SUBTOTAL =	\$ 950.00																								
Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).	\$ 0.00																								
TOTAL NATIONAL FEE =																									
\$ 950.00																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 75%;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +</th> <th style="width: 25%;">\$ 0.00</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: right;">TOTAL FEES ENCLOSED =</td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 950.00</td> </tr> </tbody> </table>		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +	\$ 0.00	TOTAL FEES ENCLOSED =		\$ 950.00																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +	\$ 0.00																								
TOTAL FEES ENCLOSED =																									
\$ 950.00																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 75%;">Amount to be refunded :</th> <th style="width: 25%;"></th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: right;">charged :</td> </tr> </tbody> </table>		Amount to be refunded :		charged :																					
Amount to be refunded :																									
charged :																									
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Charge <u>\$ 950.00</u> to credit card. Form PTO-2038 is attached.</p>																									
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																									
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p>																									
 <p>SIGNATURE</p> <p><u>Robert S. Swecker</u></p>																									
<p>NAME</p>																									
<p><u>19,885</u> <u>October 5, 2004</u></p>																									
<p>REGISTRATION NO. DATE</p>																									

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Florian Straub et al.

Group Art Unit:

Application No.:

Examiner:

Filing Date: October 5, 2004

Confirmation No.:

Title: METHOD FOR REMOTELY CONTROLLING AND/OR REGULATING A SYSTEM

**GENERAL AUTHORIZATION FOR PETITIONS
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: October 5, 2004

By



Robert S. Swecker
Registration No. 19,885